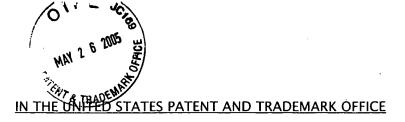
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: **FORM** (to be used for all correspondence after initial filing)

Application Number	09/896062 June 29, 2001					
Filing Date						
First Named Inventor	Hong Wang					
Group Art Unit	2654					
Examiner Name	Martin Lerner					
Attorney Docket Number	148551.01					

Ĭ	FORM			First Named Inventor			Hong wang		
1	(to be used for all correspondence after initial filing)			Group Art Unit			2654		
ġ	\$			Examiner Name			Martin Lerner		
8	Label No.:			Attorney Docket Number			148551.01		
ĺ		ENC	LOSU	RES (check all that apply)					
	Fee Transmittal Form Fee Attached Amendment / Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement with Form PTO/SB/08A (pages) Response to Notice to File Missing Parts A copy of the Notice to File Missing Parts Under 37 CFR 1.52 or 1.5 CERTIFICATE OF MAILING OR TRANSMISSION (Under 37 CFR § 1.8(a)) I hereby certify that this correspondence is being: A deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patent, P. O. Box 1450, Alexandria, VA 22313-1450; or Transmitted by facsimile on the date shown below to the USPTO at (703) 05-24-05 Date Signature Sherry Smith		Assignry (for an Drawin, Declara New A cc (37) Licensin Petition Applica Genera Genera CD, Nu	nent Papers Application) (s(s) (sheets) ion ly Executed (pages) py from a prior application CFR 1.63(d)) (pages) g-related Papers to Convert to a Provisional tion I Power of Attorney (SB80) CFR 3.73(b) Statement I Disclaimer for Refund mber of CD(s)		□ After Allowance Communication to TC □ Appeal Communication to Board of Appeals and Interferences □ Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) □ Proprietary Information □ Status Letter □ Application Data Sheet □ Request for Corrected Filing Receipt ☑ Return Receipt Postcard ☑ Other Enclosure(s) (please identify below): □ Issue Fee Transmittal (Total Fees Due \$1700.00) (in duplicate) □ Comments on Statements for Reasons for Allowance (4 pages) □ Copy of this Transmittal Form □ □ □ reby authorized to charge any additional rerpayments, to Deposit Account No. 50-			
`	SIGNAT	UR		0463 for the above identified pate					
Ì	Signature Varid S. L	gnature Tourid 1. L Reg.			No. 38,222				
			David	d S. Lee					
	Date May 24, 2005	Tel	. 1	(425) 703-809	2	Fac	csimile No.	(425) 708-5046	
	Assignee Name:		MICROSOFT CORPO ONE MICROSOFT WA REDMOND, WA 9805			ΑΥ			
ĺ	Customer Number:			22971					



First Named Inventor: Hong Wang

Application No.: 09/896,062 Filed: 06/29/2001

Customer No.:

22971

Applicant: Microsoft Corporation

Title: Frequency Domain Postfiltering for Quality Enhancement of Coded Speech

Confirmation Number: 9464

Group Art Unit: 2654

Examiner: Martin Lerner

Attorney Docket No.: 148551.01

Commissioner for Patents Mail Stop Issue Fee P.O. Box 1450 Alexandria VA 22313-1450

COMMENTS ON STATEMENTS FOR REASONS FOR ALLOWANCE

Sir:

The following remarks are respectfully submitted in response to the Reason for Allowance set forth in the Notice of Allowance issued on April 11, 2005, in connection with the above-identified application.

The Applicant respectfully notes that the Statement of Reasons for Allowance refer to Claim 1 as an independent claim. However, Claim 1 was cancelled and Claim 4 has been amended to be an independent claim. The Applicant assumes this is an error in the Statement of Reasons for Allowance, and that the reference to independent Claim 1 is intended to be a reference to independent Claim 4.

Statements for Reasons for Allowance

The Notice of Allowance indicates that the claims have been allowed for reasons I-III, set forth below.

Type of Response: Comments on Statement of Reasons for Allowance

Application Number: 09/896,062 Attorney Docket Number: 148551.01

Filing Date: 06/29/2001

I. Claims 4 and 11

Regarding independent Claims 4 and 11, the Notice states "the prior art of

record does not disclose or reasonably suggest the specifics of a postfilter of linear

predictive coefficients transformed from the frequency domain into the time domain,

where gains are calculated by an all-pole model including both magnitude and phase"

(see Notice, page 2).

II. Claim 14

Regarding independent claim 14, the Notice States "the prior art of record does

not disclose or reasonably suggest the specifics of computing a tilt of a linear predictive

coefficients spectrum and compensating using the computed tilt, where a postfilter is

generated by a non-linear transformation of compensated linear predictive coefficients

in the frequency domain and anti-aliasing is executed in the time domain" (see Notice,

page 2).

III. Claims 18 and 23

Regarding independent claims 18 and 23, the Notice States "the prior art of

record does not disclose or reasonably suggest the specifics of a linear predictive

coefficients tilt computation model for computing the tilt of the linear predictive

coefficients and compensating the linear predictive coefficients according to the

computed tilt, where a formant filter calculates the frequency domain formant filter

gains including both a magnitude and phase response" (see Notice, page 2).

Applicant's Response To Reasons For Allowance

For at least the following reasons, the Applicant respectfully disagrees with

reasons I through III, set forth above.

More particularly, the features recited and disclosed in the subject application

are provided by way of example only. As stated in the specification of the application,

it will be appreciated by those of skill in the art that a new and useful method and

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system of performing postfiltering have been described herein. In view of the many

possible embodiments to which the principles of this invention may be applied,

however, it should be recognized that the embodiments described herein with respect to

the drawing figures are meant to be illustrative only and should not be taken as limiting

the scope of invention." (see Specification, page 19, lines 7-12).

During prosecution of the application, the paraphrased characterizations of the

disclosed and claimed subject matter (provided above as Reasons I-III), were never

offered and certainly not agreed upon by the Applicant. The Applicant does not

acquiesce to such articulations, and further re-emphasizes that the invention as recited

in allowed Claims 4-9, 11-16, and 18-23, and as supported by the specification is not

taught or suggested by the references of record.

Type of Response: Comments on Statement of Reasons for Allowance

Application Number: 09/896,062 Attorney Docket Number: 148551.01

Filing Date: 06/29/2001

Thus, the Applicant submits that the Reasons for Allowance, as stated in the Notice of April 11, 2005, should be withdrawn.

Date: May 24, 2005

1450

Date

May 24, 2005

Respectfully submitted, MICROSOFT CORPORATION David S. Lee, Reg. No.: 38,222 Attorney for Applicants Direct telephone (425) 703-8092 Microsoft Corporation One Microsoft Way Redmond WA 98052-6399 CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)] I hereby certify that this correspondence is being: deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) _____

Sherry Smith

Type or Print Name